

Grid-Connected Electric Storage System Charges

For systems sized greater than **5MW** and connected to the distribution system participating with NYISO

Consolidated Edison Company of New York, Inc.

Delivery Charges Applicable to Grid-Connected Electric Energy Storage Systems Sized Greater than 5 MW Connected to the Company's Distribution System Participating with the NYISO

There currently are two sets of Con Edison delivery charges applicable to distribution system-connected electric energy storage systems sized greater than 5 MW: (1) the charges you will incur when you charge the energy storage system as set forth in the Company's Schedule for Electricity Service – P.S.C. No. 10 – Electricity ("PSC Tariff");¹ and (2) the wholesale distribution charge you will pay to export power over Con Edison's distribution system to the NYISO as set forth in Attachment O (Wholesale Distribution Service) of Con Edison's Open Access Transmission Tariff on file at FERC ("Wholesale Tariff").²

The attached chart summarizes all tariffed rates and charges as of January 1, 2023 under the PSC Tariff and the Wholesale Tariff.

Charging

As shown on the chart, under the PSC Tariff, service for electric energy storage systems sized greater than 5 MW connected to the Company's distribution system will be provided under the Standby Service rates of SC No. 9. Given that the size of the electric energy storage system must be greater than 5 MW, Rate V of SC No. 9 is the most likely rate that would apply.³ The charges will be those listed for "Applicable to all Customers, except for Station Use by Wholesale Generators" and will vary based on whether there is a Low Tension Service or High Tension Service.⁴

Other charges shown on the chart are described in the PSC Tariff and the per unit rates will either be contained in the PSC Tariff or on separate statements to the PSC Tariff. The chart outlines where you can find each rate and where each rate is described in the PSC Tariff.

In addition, please be aware that any auxiliary power will be metered and charged separately. The auxiliary power will most likely be charged under the non-Standby Service rates of SC No. 9 and you will be responsible for all associated charges applicable to this service classification.

Discharging

The provisions of the Wholesale Tariff are applicable. Article III of the Wholesale Tariff describes how the Wholesale Distribution Service charges are assessed. The charges themselves are set forth in Appendix No. 2 and vary based on: (1) the Wholesale Distribution Quantity size (1.5 MW or less or greater than 1.5 MW); and (2) whether the electric energy storage system is connected to the primary distribution system or the secondary distribution system.

Pending Filings

On [July 14, 2022](#), the Company filed with the PSC revised Standby and Buyback Rates based on Allocated Cost of Service ("ACOS") studies, pursuant to the PSC's orders on March 16, 2022, in Case 15-E-0751. The filing also included a 15-year exemption from paying the Buyback contract demand charges for customers with Stand-Alone Electric Energy Storage Systems. This filing is pending with the Commission, subject to approval, modification, or rejection. While the compliance filing with the PSC has not yet been ruled on and the applicability to the Wholesale Tariff has not been made clear, the Bulk Storage team asks that all developers submit their bids assuming an equivalent rate found in our ACOS compliance filing is the basis for Contract Demand, As-Used-Daily Demand, and includes an exemption for the Wholesale Tariff equivalent of Buyback Service Contract Demand. These rates can be found in Appendix B of the compliance filing. The applicable Wholesale Tariff charges will require FERC acceptance and

could be different than this suggestion, but all developers using the same assumption will allow for bids to be consistently evaluated. We anticipate more clarity on final rates prior to contracting in Q3 2023.

On [September 30, 2022](#), the Company filed a proposal with the PSC to become effective on July 1, 2023, to allow dual participation in the Company's Demand Response program and NYISO's programs and that customers with stand-alone Electric Energy Storage systems charging for wholesale participation purposes will be billed pursuant to the Company's Wholesale Tariff on file at FERC. This filing is pending with the PSC, subject to approval, modification, or rejection.

¹ Under the PSC Tariff, you will be considered a Standby Service customer and the provisions of General Rule 20 will apply to you.

² Since you are participating directly with the NYISO, the provisions of Buyback Service under SC No. 11 of the PSC Tariff do not apply.

³ As per SC No. 9, the applicability of Rate V is generally based on having a contract demand exceeding 1.5 MW or receiving high tension service at 138 kV. Rate IV is applicable to SC No. 9 Standby Service customers who are not subject to billing under Rate IV.

⁴ Under Rate V, there is a further distinction in rates for High Tension Service below 138 kV and High Tension Service at 138 kV.

Consolidated Edison Company of New York, Inc.
Summary of Delivery Rates Applicable for Electric Energy Storage Over 5 MW Participating Directly with the NYISO and Connected to the Company's Distribution System ¹

Delivery Charges Applicable to All Standby Service Customers Under P.S.C. No. 10 - Electricity²			
	Section in Tariff Describing Rate	Charged Based On	Rate Shown
Customer Charge	General Rule 20 and SC No. 9	\$ / Month	SC No. 9 Rate V ³
Contract Demand Charge ⁴	General Rule 20 and SC No. 9	\$ / kW of Contract Demand	SC No. 9 Rate V
As-Used Daily Demand Charge	General Rule 20 and SC No. 9	\$ / kW of As-Used Demand	SC No. 9 Rate V
Reactive Power Demand Charge	General Rule 10.11	\$ / kVAR of Billable Reactive Power	General Rule 10.11
MAC and MAC Adjustment Factor	General Rule 26.1	\$ / kWh	Statement of MAC Summary of Statement of Adjustment Factor - MAC
Billing and Payment Processing Charge	General Rule 26.3	\$ / Bill	General Rule 26.3
System Benefits Charge	General Rule 26.4	\$ / kWh	Statement of System Benefits Charge
Clean Energy Standard Delivery Charge	General Rule 26.5	\$ / kWh	Statement of Clean Energy Standard Delivery Surcharge
Dynamic Load Management Surcharge	General Rule 26.6	\$ / kW of Contract Demand	Statement of Dynamic Load Management Surcharge
Value of Distributed Energy Resources Cost Recovery	General Rule 26.8	Various	Statement of VDER Value Stack Cost Recovery
Delivery Revenue Surcharge	General Rule 26.7	\$ / kWh	Statement of Delivery Revenue Surcharge
Electric Vehicle Make-Ready Surcharge	General Rule 26.10	\$ / kWh	Statement of EV Make Ready Surcharge
Transition Adjustment for Competitive Services	General Rule 28	\$ / kWh	Shown on MAC Statement and MFC Statement
Charges Applicable to Standby Service Customers Under the Wholesale Distribution Service Tariff In Addition to Those Listed Above²			
	Section in Tariff Describing Rate	Charged Based On	Rate Shown
Wholesale Distribution Service Charge	Appendix No. 2	\$ / kW of Contract Demand	Appendix 2 to Attachment O of the Con Edison OATT

1. Charges listed are as of January 2023. Any new surcharges after this date that are approved for Standby Service and the Wholesale Tariff will also apply.

2. Charges will be increased by tax factors as described in General Rule 30, Increase in Rates Applicable in Municipality Where Service is Supplied.

[Statement of Percentage Increase in Rates and Charges](#)

Sales Taxes may also apply (for example, see link below)

<https://www1.nyc.gov/site/finance/taxes/business-nys-sales-tax.page>

3. Given the characteristics of the Electric Energy Storage System, SC No. 9 Rate V will be the most likely rate applicable; however, in rare cases depending on the charging pattern of the storage system, there is the possibility of the account taking service under SC No. 9 Rate IV.

4. Contract demand is ratcheted up if the maximum monthly demand exceeds the existing contract demand.

If the customer sets contract demand and it is exceeded in any month by at least 10%, there will be a penalty assessed on the customer.

Orange and Rockland Utilities, Inc.

Delivery Charges Applicable to Grid-Connected Electric Energy Storage Systems Sized Greater than 5 MW Connected to the Company's Distribution System Participating with the NYISO

There currently are two sets of O&R delivery charges applicable to distribution system-connected electric energy storage systems sized greater than 5 MW: (1) the charges you will incur when you charge the energy storage system as set forth in the Company's Schedule for Electric Service – P.S.C. No. 3 – Electricity ("O&R PSC Tariff");¹ and (2) the charge you will pay to export power over O&R's distribution system to the NYISO.²

The attached chart summarizes all tariffed rates and charges as of January 1, 2023 under the O&R PSC Tariff.

Charging

As shown on the chart, under the O&R PSC Tariff, service for electric energy storage systems sized greater than 5 MW connected to the Company's distribution system will be provided under the Standby Service rates contained in the individual Service Classifications of the O&R PSC Tariff and as described in General Information Section No, 24. Given that the size of the electric energy storage system must be greater than 5 MW, the SC No. 9 – Primary Standby Service rate is the most likely rate that would apply.

Other charges shown on the chart are described in the O&R PSC Tariff and the per unit rates will either be contained in the O&R PSC Tariff or on separate statements to the O&R PSC Tariff. The chart outlines where you can find each rate and where each rate is described in the O&R PSC Tariff.

In addition, please be aware that any auxiliary power will be metered and charged separately. The auxiliary power will most likely be charged under the non-Standby Service rate of SC Nos. 2 or 3 and you will be responsible for all associated charges applicable to this service classification.

Discharging

The Company will be amending its Open Access Transmission Tariff on file with FERC to provide Wholesale Distribution Service in the near future. Once these provisions are in effect, charges associated with discharging electric energy storage systems connected to the Company's distribution system will apply.

Pending Filings

On [July 14, 2022](#), the Company filed with the PSC revised Standby and Buyback Rates based on Allocated Cost of Service ("ACOS") studies, pursuant to the PSC's orders on March 16, 2022, in Case 15-E-0751. The filing also included a 15-year exemption from paying the Buyback contract demand charges for customers with Stand-Alone Electric Energy Storage Systems. This filing is pending with the Commission, subject to approval, modification, or rejection. While the compliance filing with the PSC has not yet been ruled on and the applicability of the soon to be filed FERC Wholesale Distribution Service tariff provisions has not been made clear, the Bulk Storage team asks that all developers submit their bids assuming an equivalent rate found in our ACOS compliance filing be used for Contract Demand, As-Used-Daily Demand, and include an exemption for the WDS Buyback Service Contract Demand. The applicable Wholesale Distribution Service tariff provisions to be filed will require FERC acceptance and could be different than this suggestion, but all developers using the same assumption will allow for bids to be consistently evaluated. We anticipate more clarity on final rates prior to contracting in Q3 2023.

On [September 30, 2022](#), the Company filed a proposal with the PSC to become effective on July 1, 2023,

to allow dual participation in the Company's Demand Response program and NYISO's programs and that customers with stand-alone Electric Energy Storage systems charging for wholesale participation purposes will be billed pursuant to the upcoming Wholesale Distribution Service filing with FERC. The September 30 filing is pending with the PSC, subject to approval, modification, or rejection.

¹ Under the O&R PSC Tariff, you will be considered a Standby Service customer and the provisions of Standby Service will apply to you.

² Since you are participating directly with the NYISO, the provisions of Buyback Service under SC No. 15 of the O&R PSC Tariff do not apply. The Company will be filing Wholesale Distribution Services tariff provisions with FERC in the near future.

Orange and Rockland Utilities, Inc.
Summary of Delivery Rates Applicable for Electric Energy Storage Over 5 MW Participating Directly with the NYISO and Connected to the Company's Distribution System¹

Delivery Charges Applicable to All Standby Service Customers Under P.S.C. No. 3 - Electricity²			
	Section in Tariff Describing Rate	Charged Based On	Rate Shown
Customer Charge	General Information Section No. 24 and SC No. 9 or 22	\$ / Month	SC No. 9 Standby Service Rate - Primary ³
Contract Demand Charge ⁴	General Information Section No. 24 and SC No. 9 or 22	\$ / kW of Contract Demand	SC No. 9 Standby Service Rate- Primary
As-Used Daily Demand Charge	General Information Section No. 24 and SC No. 9 or 22	\$ / kW of As-Used Demand	SC No. 9 Standby Service Rate - Primary
Reactive Power Demand Charge	General Information Section 7.16	\$ / kVAr of Billable Reactive Power	General Information Section 7.16
ECA	General Information Section 16.1	\$ / kW of Contract Demand and \$/kWh	ECA Statements
RDM	General Information Section 16.3	\$ / kWh	RDM Statements
Billing and Payment Processing Charge	General Information Section 7.5	\$ / Bill	General Information Section 7.5
System Benefits Charge	General Information Section 16.2	\$ / kWh	SBC Statements
Clean Energy Standard Delivery Charge	General Information Section 16.7	\$ / kWh	CESD Statements
Dynamic Load Management Surcharge	General Information Section 16.6	\$ / kW of Contract Demand	DLM Statements
Value of Distributed Energy Resources Cost Recovery	General Information Section 16.5	Various	VDER-CR Statements
Delivery Revenue Surcharge	General Information Section 16.10	\$ / kWh	DRS Statements
Transition Adjustment for Competitive Services	General Information Section 16.4	\$ / kWh	TACS Statements
Municipal Surcharges	General Information Section 16.8	\$ / kWh	Muni Surcharge Statements
Electric Vehicle Make Ready Surcharges	General Information Section 16.9	Various	EVMR Statements
Energy Storage Surcharge	General Information Section 16.1	Various	ESS Statements
Charges Applicable to Standby Service Customers Under the Wholesale Distribution Service Tariff In Addition to Those Listed Above²			
	Section in Tariff Describing Rate	Charged Based On	Rate Shown
Wholesale Distribution Service Charge			TARIFF TO BE FILED

1. Charges listed are as of January 2023. Any new surcharges after this date that are approved for Standby Service and the Wholesale Tariff will also apply.

2. Charges will be increased by tax factors as described in General Information Section 19, Increase in Rates Applicable in Municipality Where Service is Supplied. [Statement of Percentage Increase in Rates and Charges](#)
Sales Taxes may also apply

3. Given the characteristics of the Electric Energy Storage System, SC No. 9 – Standby Service Rate will be the most likely rate applicable; however, in rare cases depending on the charging pattern of the storage system, there is the possibility of the account taking service under SC No. 2 or 3 – Primary – Standby Service Rates.

4. Contract demand is ratcheted up if the maximum monthly demand exceeds the existing contract demand.
If the customer sets contract demand and it is exceeded in any month by at least 10%, there will be a penalty assessed on the customer.